

Patent Number(s): JP53052595-A; JP80027096-B

Title: Polyester prodn. - by polycondensing bis(beta-hydroxyethyl) terephthalate! in presence of antimony cpd. and organic tin cpd.

Patent Assignee Name(s) and Code(s): NIPPON ESTER CO LTD (NPEC-C)

Derwent Primary Accession Number: 1978-44914A [25]

Patents Cited by Inventor: 0

Articles Cited by Inventor: 0

Patents Cited by Examiner: 0

Citing Patents: 0

Articles Cited by Examiner: 0

Abstract:

Polyesters are prepd. by polycondensing bis(beta-hydroxyethyl)terephthalate (I) or a compsn. contg. mainly (I) in the presence of an antimony cpd. and 0.01-0.05 mol (w.r.t. antimony cpd.) of an organic tin cpd. soluble in ethylene glycol.

Organic tin cpds. include organic stannic oxide, organic stannic hydroxide, organic tin alcoholate, organic tin glycolate, organic tin phenolate, inorganic acid salt of organic tin, etc. Antimony cpds. include antimony trioxide, antimony trichloride, antimony acetate and antimony glycolate

Reddening of polyesters is avoided while maintaining excellent transparency and colour tone.

International Patent Classification: C08G-063/34

Derwent Class: A23 (Polyamides, polyesters, polycarbonates, alkyds)

Derwent Manual Code(s): A02-A07; A05-E04A

Patent Details:

Patent Number	Publ. Date	Main IPC	Week	Page Count	Language
JP53052595-A	13 May 1978		197825		
JP80027096-B	18 Jul 1980		198033		

Priority Application Information and Date:

JP126514	21 Oct 1976
----------	-------------